

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and country of citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled COMPACT LOW NO_x GAS BURNER APPARATUS AND METHODS, the specification of which (check one)

☐ is attached hereto.

☒ was filed on December 6, 2002 as Application Serial No. 10/313,065 and was amended on _____ if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information which is known to me to be material to patentability or to the examination of this application in accordance with 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

			Priority Claimed		Certified Copy Attached?	
(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of the United States provisional application listed below.

(U.S. Provisional Application No.)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(U.S. Parent Application) (Parent Filing Date) (Parent Patent Number (if applicable))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and may jeopardize the validity of the application or any patent issuing thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith and to receive the Letters Patent Document, if issued.

C. Clark Dougherty, Jr., Registration No. 24,208;
E. Harrison Gilbert, III, Registration No. 29,156;
Neal R. Kennedy, Registration No. 31,383;
Clifford C. Dougherty, III, Registration No. 31,607;
William D. Hall, Registration No. 35,535;
Anthony L. Rahhal, Registration No. 37,562;
Michael J. LaBrie, Registration No. 39,507; and
Jean L. Pinkston, Registration No. 45,014;

all of McAFEE & TAFT, Tenth Floor, Two Leadership Square, 211 North Robinson, Oklahoma City, Oklahoma 73102, Telephone No. (405) 235-9621, each a member of the Bar of the State of Oklahoma.

The U.S. Patent and Trademark Office is requested to direct all mail and telephone calls to:

C. Clark Dougherty, Jr.
McAFEE & TAFT
Tenth Floor, Two Leadership Square
211 North Robinson
Oklahoma City, Oklahoma 73102

Phone: (405) 552-2301
Facsimile: (405) 228-7301
e-mail: clark.dougherty@mcafeetaft.com

Full name of first inventor: I-Ping Chung

Inventor's signature I-Ping Chung Date: 3/11/2003

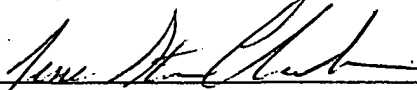
Residence: 11009 E 84th St. S., Tulsa, Oklahoma 74133

Citizenship: United States of America

Mailing Address: 11009 E 84th St. S., Tulsa, Oklahoma 74133

Full name of second inventor: Jesse Steven Chambers

Inventor's signature



Date: 3-12-03

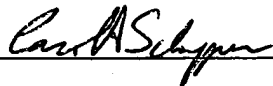
Residence: 13 West Chestnut, Skiatook, Oklahoma 74070

Citizenship: United States of America

Mailing Address: 13 West Chestnut, Skiatook, Oklahoma 74070

Full name of third inventor: Carol Ann Schnepfer

Inventor's signature



Date: 3-12-03

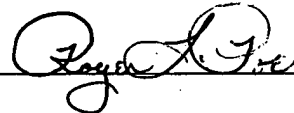
Residence: 1634 E. 35th St., Tulsa, Oklahoma 74105

Citizenship: United States of America

Mailing Address: 1634 E. 35th St., Tulsa, Oklahoma 74105

Full name of fourth inventor: Roger L. Poe

Inventor's signature



Date: 03-12-03

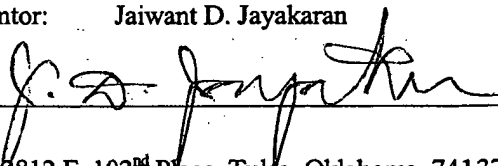
Residence: Post Office Box 718, Beggs, Oklahoma 74421

Citizenship: United States of America

Mailing Address: Post Office Box 718, Beggs, Oklahoma 74421

Full name of fifth inventor: Jaiwant D. Jayakaran

Inventor's signature



Date: 03-12-03

Residence: 2812 E. 102nd Place, Tulsa, Oklahoma 74137

Citizenship: United States of America

Mailing Address: 2812 E. 102nd Place, Tulsa, Oklahoma 74137

Full name of sixth inventor: Richard T. Waibel

Inventor's signature Richard T. Waibel Date: 14 March 2003

Residence: 6552 S. 218th E. Ave., Broken Arrow, Oklahoma 74014

Citizenship: United States of America

Mailing Address: 6552 S. 218th E. Ave., Broken Arrow, Oklahoma 74014

Full name of seventh inventor: Michael G. Claxton

Inventor's signature Michael G. Claxton Date: 13 MAR 03

Residence: 4122 South Jamestown Ave., Tulsa, Oklahoma 74135

Citizenship: United States of America

Mailing Address: 4122 South Jamestown Ave., Tulsa, Oklahoma 74135

Full name of eighth inventor: Marianne Zimola

Inventor's signature Marianne Zimola Date: 3-14-03

Residence: 12213 E. 79th St. North, Owasso, Oklahoma 74055

Citizenship: United States of America

Mailing Address: 12213 E. 79th St. North, Owasso, Oklahoma 74055

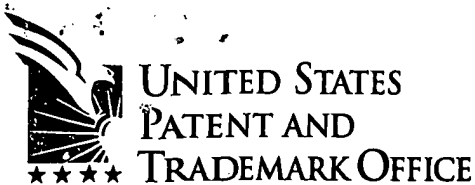
Full name of ninth inventor: Darin Robert Foote

Inventor's signature D. R. Foote Date: 3/14/03

Residence: 1332 South Marion Ave., Tulsa, Oklahoma 74112

Citizenship: United States of America

Mailing Address: 1332 South Marion Ave., Tulsa, Oklahoma 74112



AUGUST 26, 2003

PTAS

Deputy Under Secretary of Commerce For Intellectual Property and
Deputy Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

MCAFFEE & TAFT
C. CLARK DOUGHERTY, JR.
TWO LEADERSHIP SQUARE, 10TH FLOOR
211 N. ROBINSON AVE.
OKLAHOMA CITY, OK 73102



102406300A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/01/2003

REEL/FRAME: 013899/0993
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
CHUNG, I-PING

DOC DATE: 03/11/2003

ASSIGNOR:
SCHNEPPER, CAROL ANN

DOC DATE: 03/¹⁷~~14~~/2003

ASSIGNOR:
JAYAKARAN, JAIWANT D.

DOC DATE: 03/¹⁴~~17~~/2003

ASSIGNOR:
CLAXTON, MICHAEL G.

DOC DATE: 03/¹⁸~~13~~/2003

ASSIGNOR:
FOOTE, DARIN ROBERT

DOC DATE: 03/14/2003

ASSIGNOR:
ZIMOLA, MARIANNE

DOC DATE: 03/¹⁶~~14~~/2003

ASSIGNOR:
POE, ROGER L.

DOC DATE: 03/¹³~~18~~/2003

W/ ltr to client
9-23-03

not corrected
per CCDG 9-19-03
Sm

013899/0993 PAGE 2

ASSIGNOR:
CHAMBERS, JESSE STEVEN

DOC DATE: 03/¹⁴~~18~~/2003

ASSIGNOR:
WAIBEL, RICHARD T.

DOC DATE: 03/14/2003

ASSIGNEE:
JOHN ZINK COMPANY, LLC
11920 EAST APACHE
TULSA, OKLAHOMA 74116

SERIAL NUMBER: 10313065
PATENT NUMBER:

FILING DATE: 12/06/2002
ISSUE DATE:

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

04-02-2003

Form PTO-1595
(Rev. 10/02)

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

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102406300

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

4-1-03

I-Ping Chung, Carol Ann Schnepfer, Jaiwant D. Jayakaran,
Michael G. Claxton, Darin Robert Foote, Marianne Zimola,
Roger L. Poe, Jesse Steven Chambers, Richard T. WaibelAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: March 11, 13, 14, 17, 18, 2003

2. Name and address of receiving party(ies)

Name: John Zink Company, LLC

Internal Address: _____

Street Address: 11920 East Apache

City: Tulsa State: Oklahoma Zip: 74116

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/313,065 filed December 6, 2002

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: C. Clark Dougherty, Jr.

Internal Address: _____

Street Address: McAfee & Taft

10th Floor, Two Leadership Square, 211 N. Robinson Ave.

City: Oklahoma City State: Oklahoma Zip: 73102

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed **
☐ Authorized to be charged to deposit account

8. Deposit account number:

** Please charge any deficiency fees to:

50-0449

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

C. Clark Dougherty, Jr., Reg. No. 24,208

Name of Person Signing

C. Clark Dougherty Jr.

Signature

March 26, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231OFFICE OF PUBLIC RECORDS
2003 APR 11 PM 12:44
FINANCE SECTION

04/02/2003 TDIAZ1 00000019 10313065

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ASSIGNMENT

WHEREAS, we, I-Ping Chung, Carol Ann Schnepfer, Jaiwant D. Jayakaran, Michael G. Claxton, and Darin Robert Foote of Tulsa, Oklahoma, Marianne Zimola of Owasso, Oklahoma, Roger L. Poe of Beggs, Oklahoma, Jesse Steven Chambers of Skiatook, Oklahoma, and Richard T. Waibel of Broken Arrow, Oklahoma, have made a certain invention entitled **COMPACT LOW NO_x GAS BURNER APPARATUS AND METHODS** for which application for United States Letters Patent was filed December 6, 2002, and assigned U.S. Serial No. 10/313,065 preparatory to obtaining United States Letters Patent therefor, and

WHEREAS, John Zink Company, LLC, a limited liability company existing under and by virtue of the laws of the State of Delaware, and having a place of business in Tulsa, County of Tulsa, State of Oklahoma, is desirous of acquiring all right, title and interest in and to said invention in **COMPACT LOW NO_x GAS BURNER APPARATUS AND METHODS** above-identified, in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, we, I-Ping Chung, Jesse Steven Chambers, Carol Ann Schnepfer, Roger L. Poe, Jaiwant D. Jayakaran, Richard T. Waibel, Michael G. Claxton, Marianne Zimola and Darin Robert Foote, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said John Zink Company, LLC, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its

territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said John Zink Company, LLC, as the assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said John Zink Company, LLC, its successors and assigns.

Further, we agree that we will communicate to said John Zink Company, LLC, or its representatives any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said John Zink Company, LLC, make all rightful oaths and generally do everything necessary or desirable to aid said John Zink Company, LLC, its successors and assigns, to obtain and enforce proper protection for said invention, in the United States and in any and all foreign countries.

Executed by the undersigned on the date indicated.

In the presence of:

Robin Gormley
Witness

I-Ping Chung
I-Ping Chung
3/11/2003
Date

Robin Garmey
Witness

Jesse Steven Chambers
Jesse Steven Chambers

3-14-03
Date

Robin Garmey
Witness

Carol Ann Schnepfer
Carol Ann Schnepfer

3-17-03
Date

Robin Garmey
Witness

Roger L. Poe
Roger L. Poe

03-13-03
Date

Robin Garmey
Witness

Jaiwant D. Jayakaran
Jaiwant D. Jayakaran

3-14-03
Date

Robin Garmey
Witness

Richard T. Waibel
Richard T. Waibel

3-14-03
Date

Robin Garmey
Witness

Michael G. Claxton
Michael G. Claxton

3/18/03
Date

Robin Garmley
Witness

Marianne Zimola
Marianne Zimola

3/18/03
Date

Robin Garmley
Witness

D. R. Foote
Darin Robert Foote

3/14/03
Date

RECORDATION FORM COVER SHEET

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Roger L. Poe, Jesse Steven Chambers, Richard T. WaibelAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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☐ Security Agreement ☐ Change of Name
☐ Other _____

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2. Name and address of receiving party(ies)

Name: John Zink Company, LLC

Internal Address: _____

Street Address: 11920 East ApacheCity: Tulsa State: Oklahoma Zip: 74116Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

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A. Patent Application No.(s)

10/313,065 filed December 6, 2002

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: C. Clark Dougherty, Jr.

Internal Address: _____

Street Address: McAfee & Taft10th Floor, Two Leadership Square, 211 N. Robinson Ave.City: Oklahoma City State: Oklahoma Zip: 731026. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed **☐ Authorized to be charged to deposit account

8. Deposit account number:

** Please charge any deficiency fees to:

50-0449

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*C. Clark Dougherty, Jr., Reg. No. 24,208

Name of Person Signing

C. Clark Dougherty Jr.

Signature

March 26, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

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FINANCE SECTION